

Application for Industrial Wastes Discharge Permit

Date 12-13-73No. 023-12-78

A. Name of Organization INTEL CORP
Address 3651 MIDDLEFIELD Rd.
Address of Point of Discharge SAME
Individual Responsible Name HOWARD ANDERSON
for industrial waste Signature Howard Anderson

Telephone 246-7501

Attach Map Showing Point of Discharge, Sampling Points, and Waste Treatment Facility.

B. Flow Rate: Average 1200 gals/day Max. 1680 gals/day Peak Hourly 70 GPM

C. Submit separate statement:

1. Detailing type of industry and nature of products
2. Listing chemicals used and approximate concentrations
3. Describing waste treatment facilities
4. Giving characteristics of exceptional industrial wastes
5. Concerning radioactive wastes
6. Naming organic solvents discharged and concentration at point of discharge

Indicate the point of discharge concentration of the following characteristics and mass emission rates where applicable.

Biochemical oxygen demand (B.O.D.) _____ mg/l Grease and oil, total _____ mg/l
Chemical oxygen demand (C.O.D.) _____ mg/l Hydrogen ion content pH _____
Total Solids, Average _____ mg/l Fluoride _____ mg/l
Suspended Solids, Average _____ mg/l Chlorine demand _____ mg/l
Temperature _____ °F

	Max. Conc. Allowable mg/l	Allowable Mass Emission Rate kg/day		Max. Conc. Allowable mg/l	Allowable Mass Emission Rate kg/day
Arsenic	_____	_____	Formaldehyde	_____	_____
Barium	_____	_____	Lead	_____	_____
Beryllium	_____	_____	Manganese	_____	_____
Boron	_____	_____	Mercury	_____	_____
Chlorine	_____	_____	Nickel	_____	_____
Cadmium	_____	_____	Chloroform	_____	_____
Chromium Hexavalent	_____	_____	Phenols	_____	_____
Chromium Total	_____	_____	Selenium	_____	_____
Cobalt	_____	_____	Silver	_____	_____
Copper	_____	_____	Zinc	_____	_____
Cresols	_____	_____			
Cyanides	_____	_____			

NOT TO BE COMPLETED BY APPLICANT

Permit to Discharge Industrial Wastes in Accordance with This Application Approved Subject to Attached General and Specific Conditions

Allen Shelley, Director of Public Works

Signature Allen ShelleyDate April 13, 1976

Permit to Discharge Exceptional Industrial Waste Approved

List Details:

Allen Shelley, Director of Public Works

Signature _____

Date _____

DISTRIBUTION: Original to Industrial Waste File, Copy to Discharger, Copy to Water Quality Control Plant, Copy to Palo Alto, Copy to Sewer Division.

EE Attachment

CITY OF MOUNTAIN VIEW

Industrial Waste Discharge Permit

DATE: April 13, 1976 NO. 023-12-78

NAME OF ORGANIZATION: Intel Corporation

ADDRESS: 365 Middlefield Road

GENERAL CONDITIONS

1. This permit is issued under the ordinances and regulations of the City of Mountain View currently in effect, but all discharges hereunder shall comply with all ordinances and regulations of the City and all other applicable local, state, and federal regulations, whether now in effect or hereafter adopted or amended.
2. Any violation of the terms of this Permit or the ordinances or regulations of the City shall be grounds for revocation.
3. If any proposed revisions in plant operations are expected to cause significant changes in waste water quality or quantity (25 percent or more, or 25,000 gallons per day) from that given in approved Permit information, an application for an amended permit must be submitted for approval detailing the nature of the changes.
4. In accordance with Section 35.32.8 of the City Code, accidental discharges of industrial wastes shall be reported immediately to the Public Works Department, telephone number 967-7211, Ext. 270, during normal office hours, or to the Fire Department, telephone number 968-4415, on holidays or after normal office hours AND to the Palo Alto Regional Water Quality Control Plant, telephone number 329-2598 so that appropriate countermeasures may be taken.
5. This Permit is not transferable without prior written consent of the Director of Public Works. In general, a change of ownership will require a new permit.
6. The issuance of this permit does not constitute a warranty that the design capacity of the sewage collection and treatment system is sufficient to accommodate peak sewage flows from all dischargers who may now or hereafter be connected to the system. Pursuant to Sec. 35.32.1(d) the City reserves the right to impose restrictions on sewage discharges where necessary in the judgment of the City to assure the proper functioning in the sewerage system.

SPECIFIC CONDITIONS

1. This permit is for a period ending on December 13, 1976 but shall be automatically renewed for up to four (4) additional successive one-year periods unless the City shall give written notice of nonrenewal at least thirty (30) days prior to the annual renewal date.
2. This permit applies to industrial waste discharges at the following location(s) only:

365 Middlefield Road

COOK RESEARCH LABORATORIES, INC.

ESTABLISHED 1957

LABORATORY FACILITIES FOR ALL
"STANDARD METHODS" TESTS

EDISON WAY AT 11TH AVENUE
P.O. BOX 174
MENLO PARK, CALIF. 94025

WATER, WASTE WATER AND AIR POLLUTION
CHEMISTS AND ENGINEERS

November 2, 1973

Intel Corporation
365 Middlefield Rd
Mountain View, California 94040

Attention: Howard Anderson

B.O.D., mg/l
C.O.D., mg/l

Total Solids, mg/l
Suspended Solids, mg/l

Temperature, °F
pH

Grease-Oil, mg/l
Fluoride, mg/l

Chlorine Demand

Arsenic (As), mg/l
Barium (Ba), mg/l
Beryllium (Be), mg/l
Boron (B), mg/l

Chlorine
Cadmium (Cd), mg/l
Chromium, Hexavalent (Cr⁺⁶), mg/l
Chromium, Total (Cr), mg/l

Cobalt (Co), mg/l
Copper (Cu), mg/l
Cresols, mg/l
Cyanides (CN), mg/l

Lead (Pb), mg/l
Manganese (Mn), mg/l
Mercury (Hg), mg/l
Nickel (Ni), mg/l

Lab #815
P. O. #49673

Final Effluent

29.7
72.
2,647.
17.
not given
12.16
2.
125.
N/A
< .001
< 0.5
non detected
0.0
0.3
< 0.02
0.25
0.77
< 0.1
< 0.05
non detected
0.02
< 0.05
< 0.01
0.001
< 0.1

Selenium (Se), mg/l
Silver (Ag), mg/l
Zinc (Zn), mg/l

Formaldehyde
Chloroform
Phenols

Lab #815 - P.O. #49673

Final Effluent

< 0.01
< 0.01
< 0.05

0.0
Non detected
0.0

*Note: Detection Limit 0.1 ppm

COOK RESEARCH LABORATORIES, INC.

Reston Ginter
for E. H. Cook

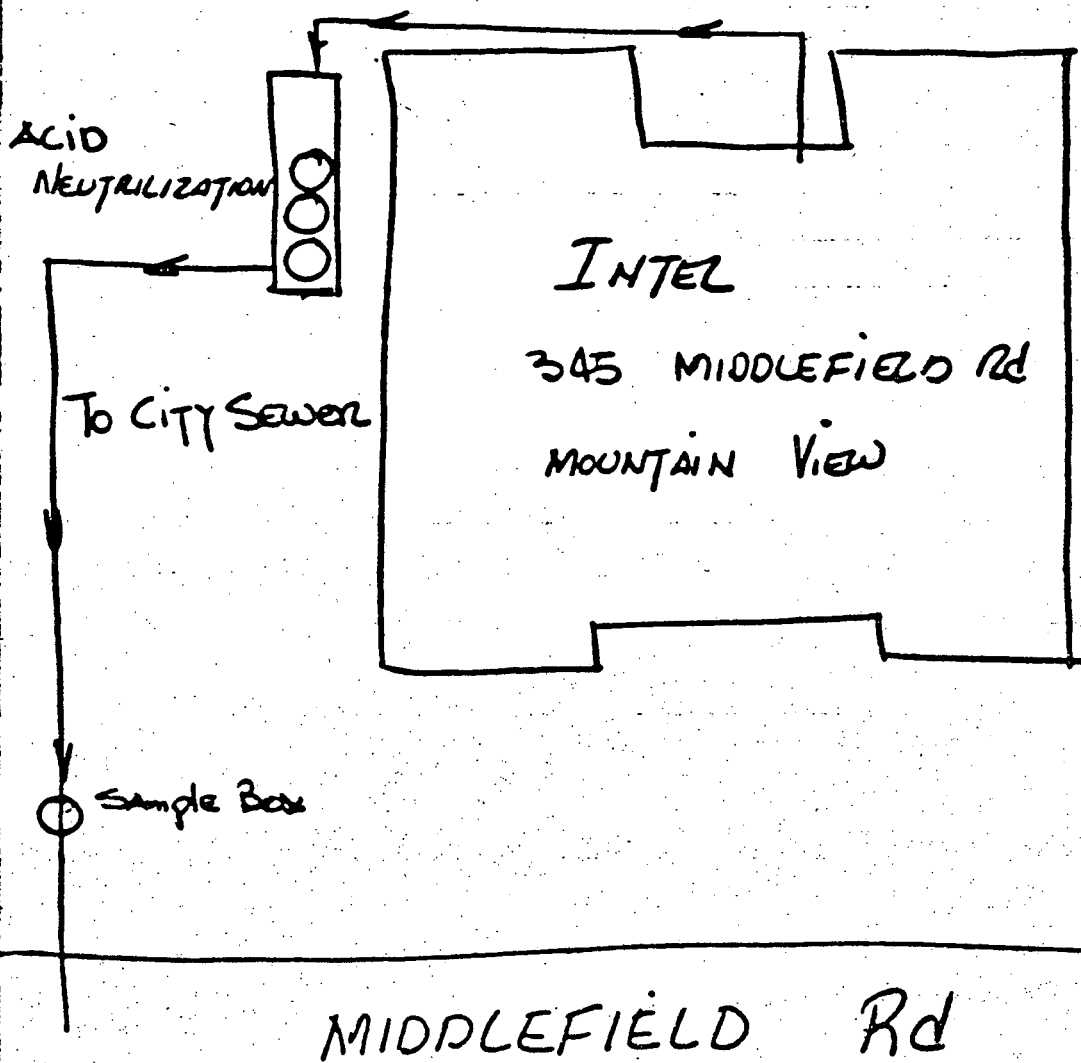


STATE APPROVED WATER LABORATORY
BACTERIOLOGICAL, CHEMICAL, AND FISH DISEASE EXAMINATIONS

Item. C.

1. SEMICONDUCTOR INDUSTRY - MEMORY PRODUCTS.
2. SEE ATTACHMENT FOR RESULTS.
3. CASCADE SYSTEM USING CAUSTIC AS NEUTRIENT.
4. N/A
5. N/A
6. NONE - HAVE A COLLECTION TANK & THIS TANK IS PUMPED OUT.

PARKING LOT



North